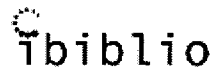


# **EXHIBIT 16**

## ibiblio Systems Central - Hardware Details



This is a breakdown of the production hardware behind ibiblio.org. Almost all of the IBM hardware was given by IBM in the form of grant funding.

- **Main site** ([www.ibiblio.org](http://www.ibiblio.org))
  - **Redundant LVS directors**
    - IBM xseries 345 (x2)
    - Dual Xeon P4 2.4 GHz
    - 2.5 GB RAM
    - iblinux
  - **Web cluster nodes**
    - IBM xseries 330 (x7)
    - PIII 1.2 GHz
    - 2.25 GB RAM
    - iblinux
- **Fileserver**
  - IBM xseries 345
  - Dual Xeon P4 2.2 GHz
  - 4 GB RAM
  - 1 EXP 300 drive array (1 TB storage)
  - iblinux
- **Fileserver**
  - IBM xseries 345
  - Dual Xeon P4 2.2 GHz
  - 4 GB RAM
  - 2 EXP 300 drive arrays (1 TB storage)
  - iblinux
- **Linux distributions** ([distro.ibiblio.org](http://distro.ibiblio.org))
  - Dell PowerEdge 2550
  - Dual PIII 1 GHz
  - 4 GB RAM
  - 260 GB storage
  - RedHat Linux 7.2
- **Music content** ([music.ibiblio.org](http://music.ibiblio.org))
  - Dell PowerEdge 2550
  - Dual PIII 1 GHz
  - 4 GB RAM
  - 260 GB storage
  - RedHat Linux 7.2
- **sourceforge mirror** ([unc.dl.sourceforge.net](http://unc.dl.sourceforge.net))
  - VALinux 4450
  - 2 VALinux drive arrays (1 TB storage)
  - Debian Linux

- **Fileserver**  
Dell PowerEdge 1650  
PIII 1.2 GHz  
4 GB RAM  
Dell PowerVault 220S (900 GB storage)  
iblinux
- **Database**  
IBM Netfinity 6000R  
Quad Xeon PIII 700 MHz  
4.5 GB RAM  
108 GB storage  
iblinux
- **Real/MP3/Ogg streaming**  
VALinux 2240  
512 MB RAM  
70 GB storage  
RedHat Linux 7.2
- **Listserv**  
IBM Netfinity 6000R  
Dual Xeon PIII 700 MHz  
2.5 GB RAM  
130 GB storage  
RedHat Linux 7.3
- **Mail**  
Dell PowerApp 120  
Dual PIII 1 GHz  
2 GB RAM  
36 GB storage  
RedHat Linux 7.2
- **Contributor services**  
IBM Netfinity 6000R  
Dual Xeon PIII 700 MHz  
2.5 GB RAM  
36 GB storage  
iblinux
- **Fileserver**  
IBM Netfinity 6000R  
Dual Xeon PIII 700 MHz  
2.5 GB RAM  
130 GB storage  
RedHat Linux 7.3

